Site/Project Name				Application Number:	Assessmer	Assessment Area Name or Number:			
SR 7 - Okeechobee Blvd to Northlake Blvd					FLUCFCS 6410				
Impact or Mitigation				Assessment conducted by: Assess			sessment date:		
Direct Impact NICE WESS			E 100 1852 a ()	Scheda Ecologiocal Associates	,				
		11/0	e mbesh			10000			
Scoring Guidance Optimal (1)			Optimal (10)	Moderate (7)	Mini	mal (4)	esent (0)		
	coring of each		· ·						
1	or is based on ould be suitable		Condition is optimal and fully	Condition is less than optimal, but	Minimal level of support		1 to provide		
	ype of wetland	1	supports wetland/surface water sufficient to maintain most of wetland/surface water functions		of wetland/surface water		wetland/surface water		
	rface water		Turicuons	wetano/surface water functions	fun	functions functions			
							L_,		
					Optimal	Moderate	Minimal	Not Present	
	0(6)(a) Locatio		a. Quality and quantity of habitat suppor	t outside of AA.		X			
L	andscape Sup	port	b. Invasive plant species. c. Wildlife access to and from AA (proximity and barriers).			X	<u> </u>		
5	Bern Ho.	42	d. Downstream benefits provided to fish		Х	 ^		 	
ł		~~·~	e. Adverse impacts to wildlife in AA from			×			
w/o pres	or		f. Hydrologic connectivity (impediments	and flow restrictions).	Х				
current	٦		g. Dependency of downstream habitats of			X			
8		0	h. Protection of wetland functions provide			<u></u>		N/A	
L		1	uplands and property limits. Roadways a	s Natural Area and Grassy Waters Preserve. Ind fences limit access to wildlife to the west.	Invasive exo	lics plant species	are primarily I	mited to adjacent	
					Optimal	Moderate	Minimal	Not Present	
			a. Appropriateness of water levels and fl	ows.		X			
			b. Reliability of water level indicators	747	<u> </u>				
.500(6)(b)Water Enviro	nment (n/a	c. Appropriatness of soil moisture. d. Flow rates / points of discharge.		Х				
	for uplands)		e. Fire frequency / severity.			X		x	
			f. Type of vegetation.		Х				
			g. Hydrologic stress of vegetation.			Х			
· · · · <u> </u>			h. Use by animals with hydrologic require			Х			
·			 Plant community composition association poor WQ). 	community composition associated with water quality (i.e. plants tolerant of).		x	i		
			. Quality fo standing water by observat	tion (i.e. discoloration, turbidity).		x			
'	w/o pres or k. wate		k. Water quality data for the type of comm	nunity, .			Х		
current	Current I. Water depth, wave energy, and curren					Х		-	
8/	9.	0	Comments: Evidence of water level indica appropriate. Evidence of nutrient loading for	ators appear appropriate. No signs of inappro rom adjacent properties.	priate erosion	. Appropriate unc	lerstory. Veget	ation zonation	
.500(6)	(c)Community	Structure			Optimal	Moderate	Minimal	Not Present	
			a. Appropriate / desirable species		X				
	X Vegeta	ation	b. Invasive / exotic plant species.		X X			X	
	Benth	ic I	c. Regeneration / recruitment of native species. d. Age / size distribution.						
			e. Complexity of coarse wooody vegetation (snags, dens, cavities, etc).			x			
	Both		f. Plants' condition		Х			***************************************	
w/o pres o	NP.	ŀ	g. Land management practices			Х			
current)î	ŀ	 h. Topographic features (refugia, channels i. Submerged vegetation (only score if pres 			Х			
/	h 1		Upland assessment area	sent)				N/A	
8/	H - 1	0		egetation. Invasive exotic vegetation presen	t. Evidence of	recruitment Lik	elv provides fo	N/A	
_/			for waterfowl and other water dependant sp	pecies.				aging nation.	
/									
	im of above sco.	, ,	If preservation as mitigation,			For impact assessment areas			
цр	ands, divide by :	20)	Preservation adjustm	ent factor =					
current						FL = delta x acres = 0.80 x 26.31 = 21.05			
or w/o pres			Adjusted mitigation delta =						
0.80 0.00					Ł				
			If mitigation		Ţ.	For mitigation assessment areas			
Delta = [with-current]			Time lag (t-factor) =						
0.00			Risk factor =].	PEG = dolto//t footoov siels =]	
0.80					· '	RFG = delta/(t-factor x risk) =			
					L				

Site/Project Name		Application Number: Assessment		t Area Name or Number:			
SR 7 - Okeechobee Blvd to No	rthiake Blvd		FLUCFCS 641			i 10	
Impact or Mitigation		Assessment conducted by:		Assessment	t date:		
Secondary Impact - 0-50 ft		Scheda Ecologiocal Associates					
		Total Looing total Associates		Julia 2000,	may 2010		
Scoring Guidance	Optimal (10)	Moderate (7)	Mini	nimal (4) Not Present (
The scoring of each	Operation (10)	Moderate (1)	1 111111	11101 (4)			
indicator is based on	Condition is optimal and fully			vel of support			
what would be suitable for the type of wetland	supports welland/surface water functions	1		of wetland/surface water		wetland/surface water	
or surface water	(unctions	wetland/surface water functions	tun	functions function		ctions	
			1				
			Optimal	Moderate	Minimal	Not Present	
.500(6)(a) Location and	a. Quality and quantity of habitat suppo	rt outside of AA.		X		ļ	
Landscape Support	 b. Invasive plant species. c. Wildlife access to and from AA (prox. 	imity and harriers)		X		ļ	
w/o pres or was first	d. Downstream benefits provided to fish		х			<u> </u>	
St small to	e. Adverse impacts to wildlife in AA from	land uses outside of AA.		Х			
w/o pres or	f. Hydrologic connectivity (impediment		X				
current	g. Dependency of downstream habitats h. Protection of watland functions proving	· · · · · · · · · · · · · · · · · · ·		X			
8 78		ss Natural Area and Grassy Waters Preserve	Invasive evo	the plant energe	are primarily !!	N/A	
	uplands and property limits. Roadways	and fences limit access to wildlife to the west		nes part species	are printarily at	imed to adjacent	
			Optimal	Moderate	Minimal	Not Present	
	a. Appropriateness of water levels and i	flows	х	X			
		b. Reliability of water level indicators.		+			
.500(6)(b)Water Environment (nu	d. Flow rates / points of discharge.		X	l x			
for uplands)	e. Fire frequency / seventy.			1		X	
	f. Type of vegetation.		Х				
	g. Hydrologic stress of vegetation.			X			
	h. Use by animals with hydrologic requir			X			
	poor WQ).	ated with water quality (i.e. plants tolerant of		×			
	j. Quality fo standing water by observe	ation(l.e. discoloration, turbidity).		X			
w/o pres or	k. Water quality data for the type of com				Х		
current	I. Water depth, wave energy, and curre			<u> </u>			
\$9 8	comments: Evidence of water level indic appropriate. Evidence of nutrient loading	cators appear appropriate. No signs of inappr	opriate erosior	. Appropriate und	lerstory. Vegeta	ation zonation	
500/01/-10			Outland	14-4		N. B	
.500(6)(c)Community Structure	a. Appropriate / desirable species		Optimal X	Moderate	Minimal	Not Present	
X Vegetation	b. Invasive / exotic plant species.		X				
0	 Regeneration / recruitment of native sp 	ecies.	Х				
Benthic	 d. Age / size distribution. e. Complexity of coarse wooody vegetation 	-/	X	 , 			
Both	f. Plants' condition	on (snags, dens, cavities, etc).	x	X			
	g. Land management practices			x			
w/o pres or	h. Topographic features (refugia, channel			Х			
current	i. Submerged vegetation (only score if pre	esent) .				N/A	
89 6	j. Upland assessment area			<u> </u>		N/A	
_ 9 10%	for waterfowl and other water dependant	vegetation. Invasive exotic vegetation preser species.	nt. Evidence o	f recruitment. Lik	ely provides for	raging habitat	
Score = sum of above scores/30 (ii	If preservation as mi	tigation,		For impact as	sessment a	reas	
uplands, divide by 20)	Preservation adjustn	nent factor =					
current			FL = delta x	acres = 0.13	3 x 12.12 =		
or w/o pres	Adjusted mitigation of	delta =	1.58		i		
0.80 0.67							
	_		_				
	If mitigation			For mitigation assessment areas			
Delta = [with-current]	Time lag (t-factor) =						
	Risk factor =			RFG = delta/(t-factor x risk) =			
0.13				Uella/(LIGOLOF A FIST	×) =	
			1				

[ai: ab :				T					
Site/Project Name				Application Number:		Assessment Area Name or Number:			
SR 7 - Okeechobee Blvd to Northlake Blvd					FLUCFCS 6250				
Impact or Mitigation				Assessment conducted by:		Assessment	i date:		
Direct Impact				Scheda Ecologiocal Associates		June 2008;	May 2010		
D	.peet			ocheda Ecologiotal Associates		ounc 2000,	may 2010		
		_						-	
Scoring Guidance Optimal (10)			Optimal (10)	Moderate (7)	Minir	nal (4)	Not Present (0)		
The scoring of each					·				
indicato	r is based on		Condition is optimal and fully Condition is less than optimal, but		Minimal lev	el of support	Condition is insufficie		
what wou	uld be suitable		supports wetland/surface water sufficient to maintain most of			urface water	to provide		
for the ty	pe of wetland		functions	wetland/surface water functions	functions		wettanorsunace water		
or sur	face water						fun	ctions	
		1		· · · · · · · · · · · · · · · · · · ·					
					0-6	Moderate	Minimal	L No. Document	
•					Optimal		Maunuar	Not Present	
.500	X(6)(a) Locatio	n and	a. Quality and quantity of habitat suppor	Touisige of AA.		X			
La	andscape Sup	port	b. Invasive plant species.		····				
			c. Wildlife access to and from AA (proxi			X			
			d. Downstream benefits provided to fish and wildlife.		X				
1.			e. Adverse impacts to wildlife in AA from			Х			
w/o pres	or		f. Hydrologic connectivity (impediments		Х	<u> </u>			
current			g. Dependency of downstream habitats of	on quality or quantity of discharges.		Х			
			h. Protection of wetland functions provive	d by uplands (upland AAs only).				N/A	
8	2.6	0	Comments: Adjacent to the Pond Cypres	s Natural Area and Grassy Waters Preserve	Invasive exoti	cs plant species	are primarily li	mited to adjacent	
	Ók			and fences limit access to wildlife to the west.					
		-			Optimal	Moderate	Minimal	Not Present	
			a. Appropriateness of water levels and f	lows	-	X		HOLFICOCIA	
			b. Reliability of water level Indicators.	<u> </u>	Х		~		
1			c Appropriateous of soil moleture						
.500(6)(b)Water Enviro	nment (n/a	d. Flow rates / points of discharge.		X	x			
	for uplands)								
			e. Fire frequency / severity.	,		-		X	
1			f. Type of vegetation.		X				
i			g. Hydrologic stress of vegetation.			X			
			h. Use by animals with hydrologic require	ements.		X			
			i. Plant community composition associa	ated with water quality (i.e. plants tolerant of		х			
			poar WQ).			^			
			j. Quality fo standing water by observation(i.e. discoloration, turbidity).			X			
w/o pres o	or		k. Water quality data for the type of com-	munity.			Х		
current	_		I. Water depth, wave energy, and curre	nts.		Х			
08	Í		Comments: Evidence of water level indic	opriate erosion.	Appropriate uno	lerstory. Venet	ation zonation		
9 %		0	appropriate.	, , , , , , , , , , , , , , , , , , , ,					
	***************************************				A # 1				
.500(6)(c)Community	Structure	- A	****	Optimal	Moderate	Minimal	Not Present	
	V Vocat	ation	a. Appropriate / desirable species		X				
	X Veget	auun	b. invasive / exotic plant species.		X				
	.		c. Regeneration / recruitment of native species.		X				
	Benth	IIC	d. Age / size distribution.		X				
			 Complexity of coarse wooody vegetation 	n (snags, dens, cavities, etc).	X				
	Both		f. Plants' condition	· ·	X	·			
			g. Land management practices			Х			
w/o pres d	or		 h. Topographic features (refugia, channel 	s, hummocks)		х			
current	_		i. Submerged vegetation (only score if pre	sent)				N/A	
			j. Upland assessment area					N/A	
9	6 K	0	Comments: Diverse community of native	vegetation. No invasive exotic vegetation pre	sent. Evidence	of requitment.	Likely provide	s foraging.	
			nesting, and refuge habitat for waterfowl a	and other water dependant species.	· · ·				
Score = sum of above scores/30 (if uplands, divide by 20) current			If preservation as mi	tigation.		For impact as	sessment a	reas	
					-	For impact assessment areas FL = delta x acres = 0.83 x 41.33 =			
			Preservation adjustn	nent factor =					
or w/o pres			Adjusted mitigation of	ielta =	34.30			I	
		0.00						į	
0.00					•				
			·						
			If mitigation		For mitigation assessment areas			nt areas	
Dalla - Sullhan - C			Time lag (t-factor) =			or magazori assessinent areas			
Delta = [with-current]			3 ()		ŀ				
	.		Risk factor =	· · · · · · · · · · · · · · · · · · ·	1	RFG = delta/(t-factor x risk) =			
0.83				ļ	ľ	o oonar	. ,uotot A 113		

Site/Proje	ct Name			Application Number: Assessm		Assessmen	essment Area Name or Number:		
SR 7 - Okeechobee Blvd to Northlake Blvd				FLUC			LUCFCS 6250		
Impact or Mitigation				Assessment conducted by:		Assessmen	essment date:		
Secondary Impact - 0-50 ft				Scheda Ecologiocal Associates	June 2008; May 2010				
L						<u> </u>			
Scoring Guidance Optimal (10)				Moderate (7)	Minin	Minimal (4) Not Pr			
The scoring of each							Condition is insufficient		
indicator is based on what would be suitable					Minimal level of support of wetland/surface water		to provide		
1	pe of wetland	1	functions	wetland/surface water functions	functions		wetland/surface water		
or sur	face water	_					tun	ctions	
			T						
		_	a. Quality and quantity of habitat support outside of AA.		Optimal	Moderate X	Minimal	Not Present	
1	(6)(a) Locatio ndscape Sup		b. Invasive plant species.			X		1	
۔ ا	masoapo oup	POIL	c. Wildlife access to and from AA (proxi			Х			
l			d. Downstream benefits provided to fish		<u> </u>				
w/o pres c	or		e. Adverse Impacts to wildlife in AA from land uses outside of AA. f. Hydrologic connectivity (impediments and flow restrictions).			Х			
current	-		g. Dependency of downstream habitats of		X	Х	***************************************		
			h. Protection of wetland functions provive	d by uplands (upland AAs only).				N/A	
8	64	6		s Natural Area and Grassy Waters Preserve.	Invasive exoti	cs plant species	are primanily li	mited to adjacent	
		L	uplands and property limits. Roadways a	and fences limit access to wildlife to the west.	O-Maral	Madada	\$ 61-21		
			a. Appropriateness of water levels and fi	lows	Optimal	Moderate X	Minimal	Not Present	
			b. Reliability of water level indicators.		Х	• • • • • • • • • • • • • • • • • • • •			
.500(6)(b)	Water Enviror	ment (n/a	c. Appropriatness of soil moisture.		X				
	for uplands)		d. Flow rates / points of discharge.			X			
			e. Fire frequency / severity. f. Type of vegetation.	***	Х			X	
			g. Hydrologic stress of vegetation.			Х			
			h. Use by animals with hydrologic requirements.			Х			
			 Plant community composition associated with water quality (i.e. plants tolerant of poor WQ). 			х			
	_		Quality fo standing water by observation(i.e. discoloration, turbidity).			X			
w/o pres o current	·		 Water quality data for the type of come Water depth, wave energy, and current 				Χ.		
					ondste erosion	Annoprieta un	lereton, Vecal	ation repation	
91	•	- 8	Comments: Evidence of water level indicators appear appropriate. No signs of inappri appropriate.			rippiopiane ore	maany. reger	alion zonalion	
.500(6)(c)Community	Structure			Optimal	Moderate	Minimai	Not Present	
	•		a. Appropriate / desirable species		X				
	X_ Veget	ation	b. Invasive / exotic plant species. c. Regeneration / recruitment of native spe	X					
	Benth	ic	d. Age / size distribution.	- x					
			e. Complexity of coarse wooody vegetatio	X./					
	Both		f. Plants' condition		Х				
w/o pres or			g. Land management practices h. Topographic features (refugia, channels			X			
current	•		i. Submerged vegetation (only score if pre			X		N/A	
	OK		j. Upland assessment area					N/A	
9	•	- 7	Comments: Diverse community of native v	regetation. No invasive exotic vegetation pre	sent. Evidence	of recruitment.	Likely provide	s foraging,	
1			nesting, and refuge habitat for waterfowl a	ind other water dependant species.					
Scara = cu	m of above son	ma/20 //4	If preservation as mit	figation	ſ	For impact as	cocement a	roas.	
Score = sum of above scores/30 (if uplands, divide by 20)			· - · · · · · · · · · · · · · · · · · ·	· •	For impact assessment areas				
			Preservation adjustm						
current or w/o pres			Adjusted mitigation d	FL = delta x acres = 0.13 x 7.491			3 X /.491 =		
0.83 0.70				· · · · · · · · · · · · · · · · · · ·			0.07		
					_				
			If mitigation For mitigation assessmen			t areas			
Dolta = [with ourront]			Time lag (t-factor) =		ľ	For mitigation assessment areas			
Delta = [with-current]									
	0.13		Risk factor =		 1	RFG = delta/(t-factor x risk) =			

Site/Project Name			Application Number: Assessment A			ont Anna Mar		
SR 7 - Okeechobee Blvo	i to Nort	thlake Blvd	/ 4356331116			ssment Area Name or Number:		
Impact or Mitigation						LUCFCS 5100		
1			Assessment conducted by: Assessme			sessment date:		
Direct Impact			Scheda Ecologiocal Associates					
7					- Tuilo 200	5, may 2010		
Scoring Guidance	*	Optimal (10)	Moderate (7)	1 101				
The scoring of each					nimal (4)	Not P	resent (0)	
indicator is based on		Condition is optimal and fully	ondition is optimal and fully Condition is less than optimal, but		aual af au	. Condition	is insufficient	
what would be suitable		supports wetland/surface water	in tention of a section, but		Minimal level of support of wetland/surface water		provide	
for the type of wetland or surface water		functions	wetland/surface water functions		functions		wetland/surface water	
or surface water						fu	nctions	
		T						
500/03/ 11		a Quality and exemply of help		Optimal	Moderate	Minimal	Not Present	
.500(6)(a) Location a		 a. Quality and quantity of habitat support b. Invasive plant species. 	toutside of AA.		X			
Landscape Suppor	1	c. Wildlife access to and from AA (proxin	nite and having	ļ	X			
1		d. Downstream benefits provided to fish	and wildlife	 	X			
1.	[e. Adverse impacts to wildlife in AA from I	and uses outside of AA	X	 			
w/o pres or	1	 Hydrologic connectivity (impediments) 	and flow restrictions)	X	X		 	
current,		 g. Dependency of downstream habitats or 	n quality or quantity of discharges.		X			
		 h. Protection of wetland functions provived 	by uplands fupland AAs only)				1-5172	
9 /	v j	Comments: Adjacent to the Pond Cypress	Natural Area and Grocov Waters Communication	. invasive ex	rics plant specie	ara nomenik, i	N/A	
-/		uplands and property limits. Roadways ar	nd fences limit access to wildlife to the west		, and plant specie	s are printainly i	imited to adjacent	
	H			Optimal	Moderate	Minimal	Not Present	
	1	a. Appropriateness of water levels and flo	ows.		X		noctresen	
E00/EV/hWA/-t		b. Reliability of water level indicators. c. Appropriatness of soil moisture.			X			
.500(6)(b)Water Environme for uplands)		d. Flow rates / points of discharge.		X				
ror uplatius)		s. Fire frequency / severity.			X			
	Ŧ.	. Type of vegetation.					Х	
	g	J. Hydrologic stress of vegetation.			X	ļ		
	h	 Use by animals with hydrologic requiren 	nents.	······································	X			
	j.	Plant community composition associate	ed with water quality (i.e. plants tolerant of					
•	2	1001 11Q).	· •		X			
w/o pres or	<u> </u>	Quality fo standing water by observation	on(i.e. discoloration, turbidity).		X			
current	<u> </u>	. Water quality data for the type of commo	unity.			×		
	- f	Water depth, wave energy, and current	8.		X			
7.2	0 st	labilized by crushed rock and fill material	s maintained by control structures. Eviden	ce of regular v	egetation remova	I and pruning.	Shoreline	
	d€	evelopments and roadways.	Observed water dependent species (turtles	s, fish, and wa	fing birds). Input	of stormwater	from adjacent	
.500(6)(c)Community Struc	cture							
N/ ·	la.	Appropriate / desirable species		Optimal	Moderate	Minimal	Not Present	
Vegetation	1 <u>Б.</u>	Invasive / exotic plant species.			X			
D. 44	c.	Regeneration / recruitment of native speci	les.		X			
Benthic		Age / size distribution.			$\frac{\hat{x}}{\hat{x}}$			
Wilson	e.	Complexity of coarse wooody vegetation ((snags, dens, cavities, etc).		^_	x		
TA D IBUIL	1. 1	Plants' condition			x			
/o pres or	9.	Land management practices				x		
current	i S	Topographic features (refugia, channels, h Submerged vegetation (only score if preser	nummocks)		. X			
		Johand assessment area	nt)		X			
7 🔀	0 <u>co</u>	mments: Aquatic vegetation present: mini	imal littoral shelf. Invasive exotic vegetation	1			N/A	
	pro	ovides foraging habitat for waterfowl and of	ther water dependant species	n present. Litt	e evidence of na	live recruitment	. Likely	
							<u>_</u>	
core = sum of above scores/30) (if	If preservation as mitiga	ation,	F.	Or impost as			
uplands, divide by 20)	[.	Preservation adjustmer		<u>'</u>	or impact ass	sessment are	eas	
current	ł		it factor =	1			1	
w/o pres Adjusted mitigation delta			- 1	FL = delta x acres = 0.73 x		x 13.72 =		
0.73	20	Justice magazion den				10.02		
				L				
		•						
	1	If mitigation		Ē	or mitigation a	accoccmac.	orono	
Delta = [with-current]	1	Time lag (t-factor) =		ľ	miryauun i	assessment :	areas	
		600		<u> </u>				
0.73	- 1	Risk factor =		I R	FG = delta/(t-	factor x risk)		
					(1		1	
m 62-345 000/2\ F A O F				-				